

## 1962 ANNUAL INDEX

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Including 26 regular issues of MACHINE DESIGN plus 4 special issues—*The Fluid Power Book Issue*, *The Electric Controls Book Issue*, *The Plastics Book Issue*, and *The Mechanical Drives Book Issue*. Only articles and editorial items one-half page or larger are indexed.

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Hoverbus Tries Its Engines	News	1/4, 6	(1.0)
Scaled-Up Mercury Will Dock in Orbit	News	1/18, 14	(1.3)
Airborne Ice Crusher Builds Slick Runways	News	1/18, 36	(0.5)
Phone Transmission by Mid '63 Seen for Satellite System	News	3/15, 14	(0.5)
NASA's OSO: A Studied Stare at the Sun	News	3/15, 24	(3.0)
Flight Recorder Collects Jet Disaster Data	News	3/29, 10	(0.7)
Full-Size Tracked Hovercraft Goes on the Drawing Boards	News	5/10, 6	(0.7)
Stationary Satellites Will Communicate Continuously	News	5/16, 6	(1.0)
Pusher-Puller Airplane "Flies Easy" on Either Engine	News	10/11, 14	(0.6)
Syncom-I Prepares for Orbit	News	11/22, 6	(1.7)
Simulator Final-Tests Satellite Control Hardware	News	11/22, 26	(0.7)
R3 Brakes Sense Skid with Fifth Wheel	DIA	6/21, 166	(2.0)
Circular Design Reduces Antenna Height by 30:1	News	11/22, 14	(0.5)
Back-Yard Rocket Uses Cold Fuel	DIA	11/22, 142	(2.0)

### AUTOMOTIVE

Big Pull at Lincoln	Long	12/6, 132	(6.0)
Radio-Controlled Tractor Domes Dangerous Jobs	News	1/4, 12	(0.5)
Three-Point Runabout	News	2/15, 30	(0.6)
Missile Carrier Steers Like a Fire Truck	News	3/15, 12	(0.5)
Studebaker's Avanti: Forward with Fiber Glass	News	4/26, 8	(1.0)
Vertical Saturns Will Crawl to their Launch Pads	News	8/16, 26	(1.0)
Refinement in Continental; Soft Top for Falcon	News	8/30, 26	(1.0)
Prestige for '63—Ford's T-Bird and Buick's Riviera	News	9/13, 10	(1.0)

The 63's	News	9/27, 146	(9.0)
The 63's	News	10/11, 28	(1.0)
Jeep Goes Automatic and Dodge Widens Its 880 Line	News	10/25, 26	(1.0)
Truck Third Axle Retracts	DIA	5/10, 140	(1.0)
Indianapolis Cars Balanced in Motion	DIA	5/24, 166	(2.0)
Vehicle Goes Anywhere	DIA	11/22, 144	(2.0)

### MARINE

Zinc-Alloy Fish Prevents Pleasure-Boat Rust	News	4/12, 6	(1.0)
Twin Screws Drive Floating Auto	News	6/7, 26	(1.0)
Three Men in a Sphere Will Explore Ocean Bottom	News	7/19, 11	(1.0)
Two-Man Sub Will Dive One Mile Deep	News	9/27, 10	(0.5)
Front Wheels Steer Swimming Car	DIA	6/21, 170	(1.0)
Hydrofoils, Air-Cushion Hull Steady High-Speed Launch	DIA	7/19, 152	(2.0)
Two-Gun Submarine	DIA	10/25, 132	(2.0)
Airfoil Lift Drives Boat	DIA	12/6, 143	(0.6)

### INSTRUMENTS, OPTICAL

Pinched-Image Movie Camera	DIA	2/1, 108	(2.0)
Range-finder for Trolley Cables	DIA	2/15, 167	(0.7)
Astronautical Box Camera	DIA	3/29, 122	(1.1)
Flexure-Mounted Prisms Keep Optical Plumb Bob Level	DIA	5/10, 141	(1.0)
Handleless Hemostat	DIA	6/21, 168	(2.0)
Hand-Held Microscope Features Folded-Beam Optics	DIA	7/19, 156	(1.0)
Oxygen Pressure Head-to-Toe	DIA	11/22, 146	(1.0)

### MISCELLANEOUS

V-Belted Nut Snuffer	DIA	5/10, 142	(1.0)
Explosive Anchor Penetrates Mud or Rock	DIA	8/30, 92	(1.0)
Red-Eyed Crawler	DIA	12/6, 138	(0.6)
Three-Wheeled Robot	DIA	12/6, 139	(1.0)
Rolling Bomb Shelter	DIA	12/6, 140	(2.0)

